

Fig.1

hNEDL1	MASPSRHSQRRRCKEPLRYSYKPDQFHNDLRGGPHDGVTPRSTSDTLVTSOSRSTLWSSSYYSIGHSDLVIHWDIKKEVDAGDWHIGYLI DEVL	100
mNEDL1	MASPSRHSQRRRCKEPLRYSYKPDQFHNDLRGGPHDGVTPRSTSDTLVTSOSRSTLWSSSYYSIGHSDLVIHWDIKKEVDAGDWHIGYLI GEVS	100
hNEDL1	SENFLDYKRGVNGSHRGQIHWKIDASSYFVEPETKICFKYHGVGALRATTPSVTVKNSAAPIFKSGAETVVOGGSRRLLSFSLSDFQANGLKKGW	200
mNEDL1	SENFLDYKRGVNGSHRGQIHWKIDASSYFVESETKICFKYHGVGALRATTPSVTVKNSAAPIFKSGAETVVOGGSRRLLSFSLSDFQANGLKKGW	200
hNEDL1	FFNPDYKISIQPKHETFPALPHHGGERRSKIGNTVNPBQATQFSEVSLPTDVLEIEVNDKFAKSRPIKRELGQSNPVDREERHAI GDRVVS	300
mNEDL1	FFNPDYKISIQPKHETFPALPHHGGERRSKIGNTVNPBQATQFSEVSLPTDVLEIEVNDKFAKSRPIKRELGQSNPVDREERHAI GDRVVS	300
C2 Domain		
hNEDL1	TLGRRLPTDHVSGQLQFRFEITSSIHPPDEEISLSTEPES-AQIQSPNNILMESGSGEPSEAPESSESNPEQLGEGSVDPORPNQSI ELSRPAEEAA	399
mNEDL1	TLGRRLPTDHVSGQLQFRFEITSSIHADDEEISLAEPESSAETQDSIMNSMVGNSNGEPSGDATEFCDAKPEPSSEGNGVNSSENQNHAGPVEEAA	400
hNEDL1	VITEAGDQGHVSVGPEGAGELLAQVQKDIQAPSAEELAEQLDGEESALLLEDGEAPASTKEEPLLEEATTSRAGREEEEXEQEEGVSTLEQEG	499
mNEDL1	GAMEARDSNVSEAPEEPGELQDQEQHDTQPTLSAEVVAEGLPLDEDSPLSLLPEENTALGSKVEEETVPENGAREEEMQKQDEEEEDVSTLEQEG-	499
hNEDL1	RLQLRASVKRKRSPCLSPVSELETVIASACGPETPRTHYIRIHTLLHSPSAQGGSAEEEDGAEESTLKDSSEKDGLEVDTVAADPSALEEDREP	599
mNEDL1	-----PELETVIASACGDAETPRTHYIRIHTLLHSPSAQRGSTTEEEDGLEESTLKESSEKDGLEVDTVIADPQSWEDGESDG	580
hNEDL1	EGATPGTAHPGHSGHFPSLANGAAQDGDTHPSTGSESDSSPRQGGHSCGGDASCCSPSCYSSSCYSTSCYSSSCYSSCASPSCYNGNRFASHTRFS	699
mNEDL1	ATLCMAPSDCSGGHFSLSKGI GAGQDGEAHPSTGSESDSSPRQGGHSCGGDASCCSPSCYSSSCYSTSCYSSSCYSSCASPSCYNGNRFASHTRFS	676
hNEDL1	SVDSAKISESTVFSSQDEEEENSFAFESVPDSVQSPELDPESTNGAGPQDELAAAPSGHVERSPEGLESVPAGPSNRREGCEPI LHSQPVSLPSLRPE	799
mNEDL1	SVDSAKISESTVFSSQDEEEENSFAFESVPDSVQSPELDPESTNGAGPQDELAAAPGGAARSTEGLESVPAGPSNRREGCEPI LHSQPVSLPSLRPE	776
hNEDL1	HHHYPTIDEPLPPNWEARIDSHGRVYVDHVNRTTIDPRPTAATPDGMRSGSIQNEQLNRRYQNIQRTIATERSEEDSGSQCEQAP-AGGGGGGS	898
mNEDL1	HHHYPAIDEPLPPNWEARIDSHGRVYVDHVNRTTIDPRPTAATPDGMRSGSIQNEQLNRRYQNIQRTIATERAEEDSGNQNSEQIPDGGGGGGGS	876
WW Domain 1		
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mNEDL1	DSEAESSQSLDLRREGSLSPVNSQKILLLQSPAVKFI TNPEFTVLHANYSAVRVFTSSTCLKHMLKVRDARNFERYQHNRDLVNFIMNFADTRLE	976
hNEDL1	LPRGWEIKTDQGGKSFVDHNSRATTFIDPRIPLONGRLPNHLTHROHLQRLRSYSAGEASEVSRNRGASLLARPCHSLVAAIRSQHQHESLPLAYNDKI	1098
mNEDL1	LPRGWEIKTDHGGKSFVGHNSRATTFIDPRIPLONGRLPNHLTHROHLQRLRSYSAGEASEVSRNRGASLLARPCHSLVAAIRSQHQHESLPLAYNDKI	1076
WW Domain 2		
hNEDL1	VAFLRQPNIFEMLQERQPSLARNHTLREKIHYTEGNHGLEKLSQDADLVILLSLFEEIMSYVPLQAAFHGPGYSFSPRCPSCSPQNSPGLQASARA	1198
mNEDL1	VAFLRQPNIFEMLQERQPSLARNHTLREKIHYTEGNHGLEKLSQDADLVILLSLFEEIMSYVPLQSAFHGPGYSFSPRCPSCSPQNSPGLQASARA	1176
hNEDL1	PSPYRRDFEAKLRNFYRKLEAKFGGQGPCKIKLIIRRDHILLEGTFFNQVWAYSRLQRNKLYITFVGEGLDYSGPSREFFLLSQELFNPPYGLFEYSA	1298
mNEDL1	PSPYRRDFEAKLRNFYRKLEAKFGGQGPCKIKLIIRRDHILLEGTFFNQVWAYSRLQRNKLYITFVGEGLDYSGPSREFFLLSQELFNPPYGLFEYSA	1276
hNEDL1	NDYTTVQISPMFAFVENHLEWFRFSGRILGLALIHQYLDAFFTRPFYKALLRPLCDLSOLEYLDDEEFHQSLQWAKDNNITDILDLTFTVNEEVFGQVTE	1398
mNEDL1	NDYTTVQISPMFAFVENHLEWFRFSGRILGLALIHQYLDAFFTRPFYKALLRPLCDLSOLEYLDDEEFHQSLQWAKDNNITDILDLTFTVNEEVFGQVTE	1376
hNEDL1	RELKSGGANTQVTEKNKKEYIERMVKRVERGVVQTEALVRGFYEVVDSRLVSFVDALELELVIAGTAEIDLNDWRNTEYRGYHGHVIRWFVAAV	1498
mNEDL1	RELKSGGANTQVTEKNKKEYIERMVKRVERGVVQTEALLRGFYEVVDSRLVSFVDALELELVIAGTAEIDLNDWRNTEYRGYHGHVIRWFVAAV	1476
hNEDL1	ERFNNEQRLRLQLVGTGSSVPYEGFAALRGSNGLRRFCIEKQKITSIPRAHTCFNRDLPPYPSYSMLYEKLLTAVEETSTFGLE	1585
mNEDL1	ERFNNEQRLRLQLVGTGSSVPYEGFAALRGSNGLRRFCIEKQKITSIPRAHTCFNRDLPPYPSYSMLYEKLLTAVEETSTFGLE	1563
HECT Domain		

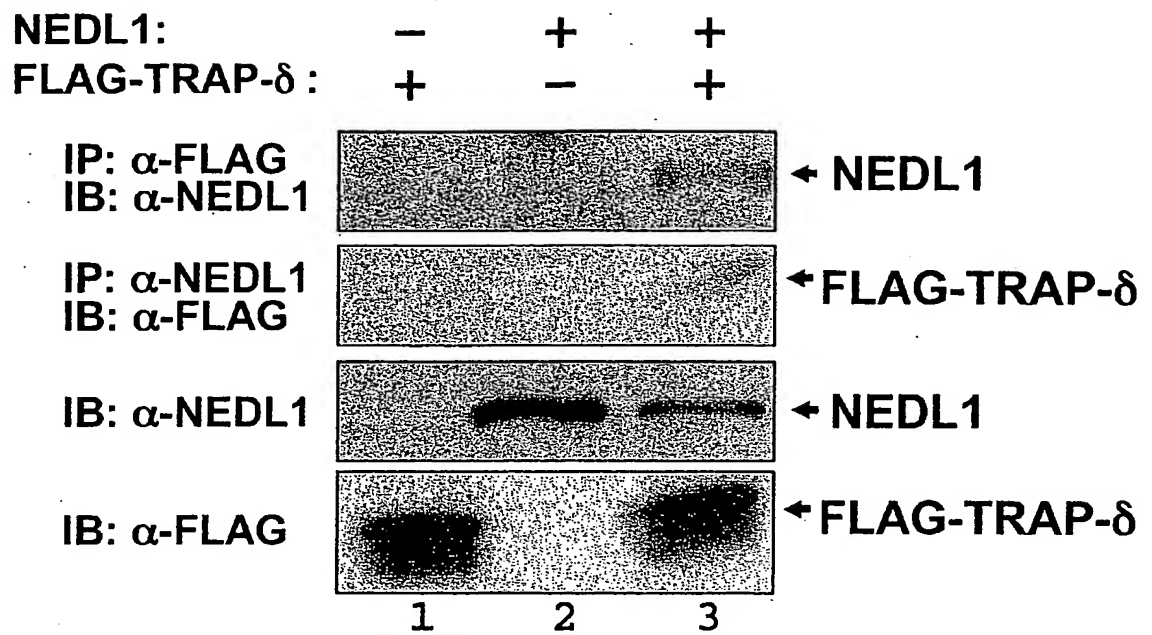
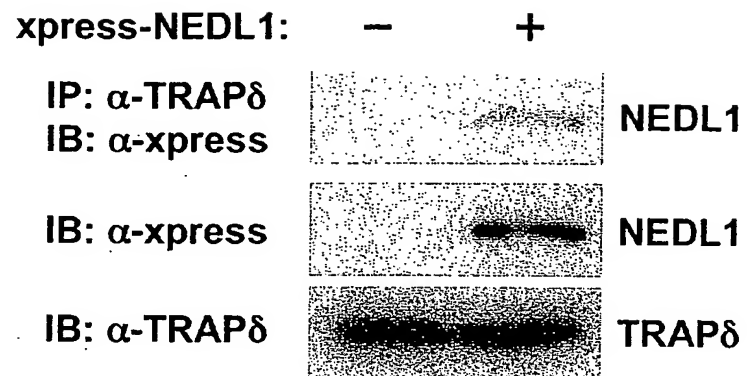
Fig.2

Fig.3

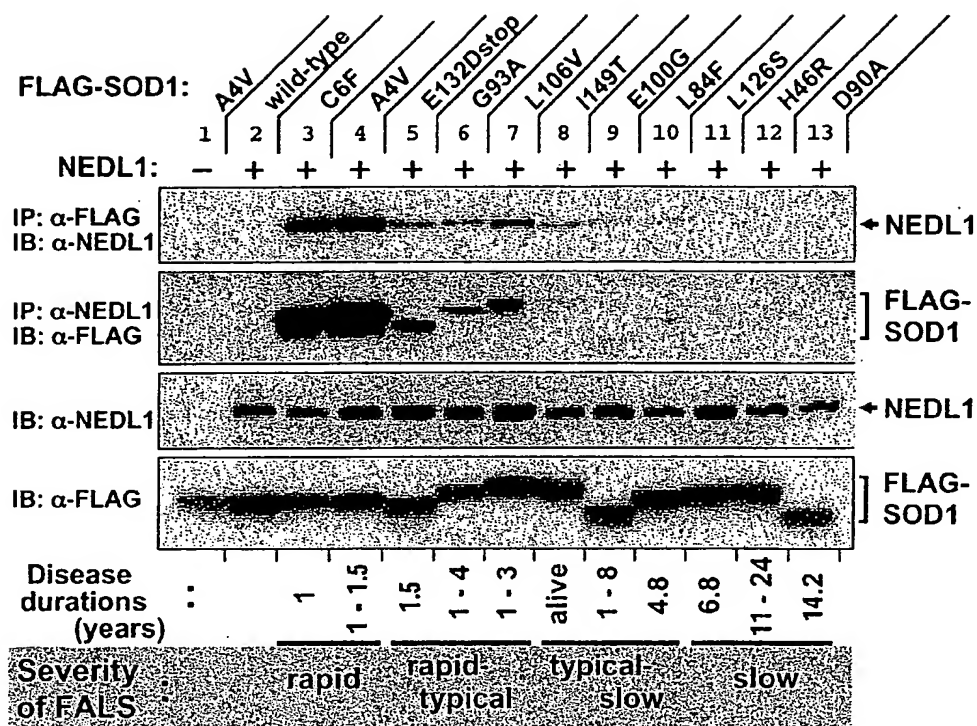
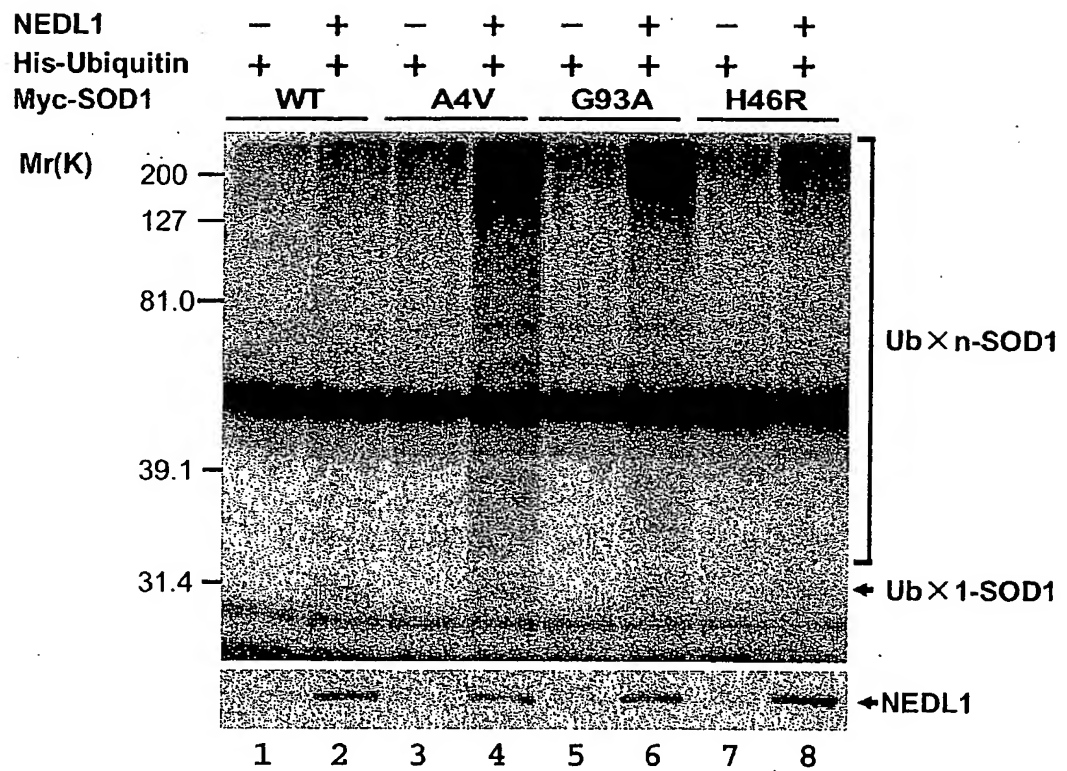


Fig.5

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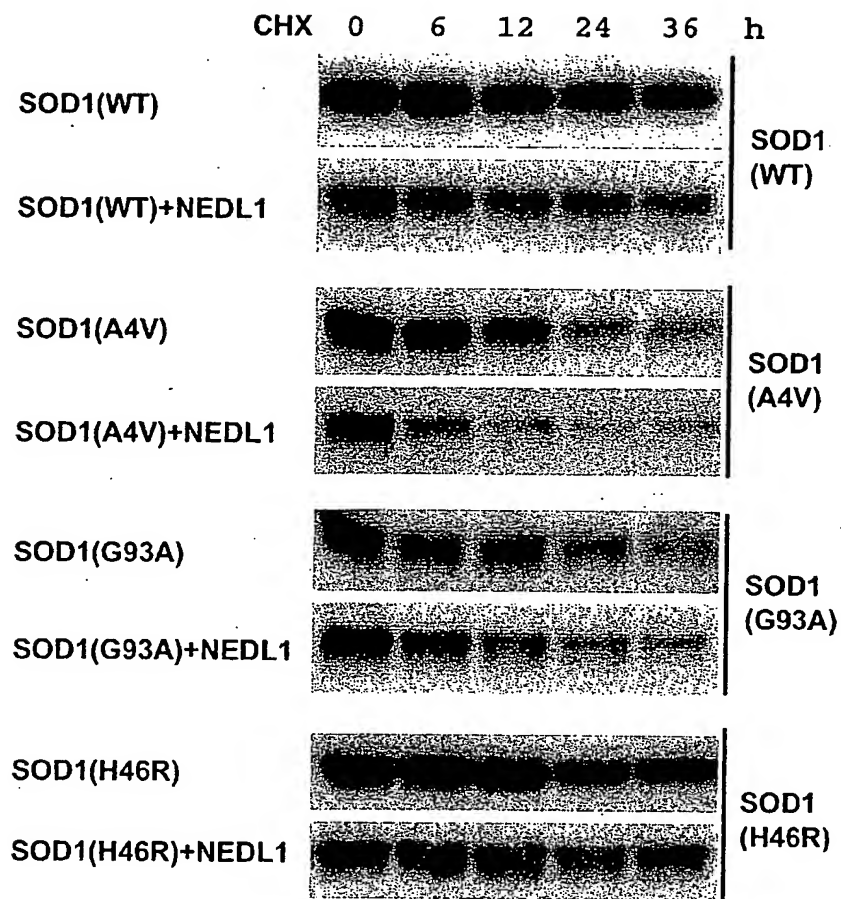
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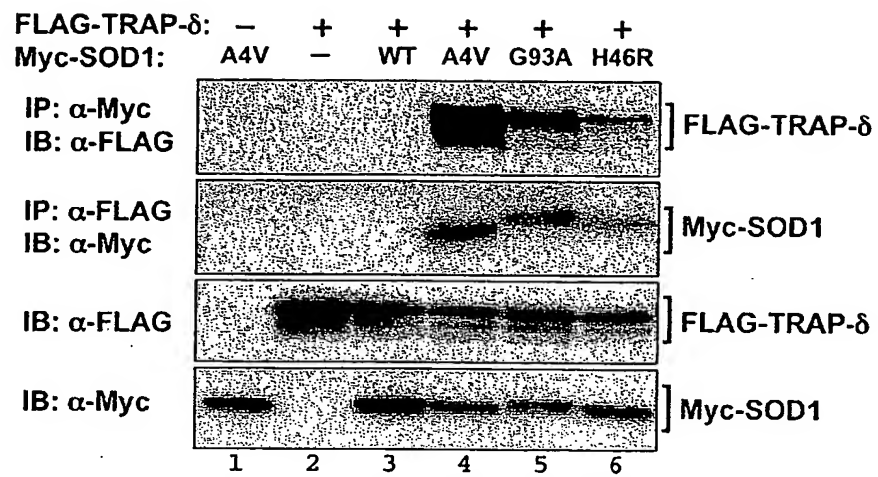
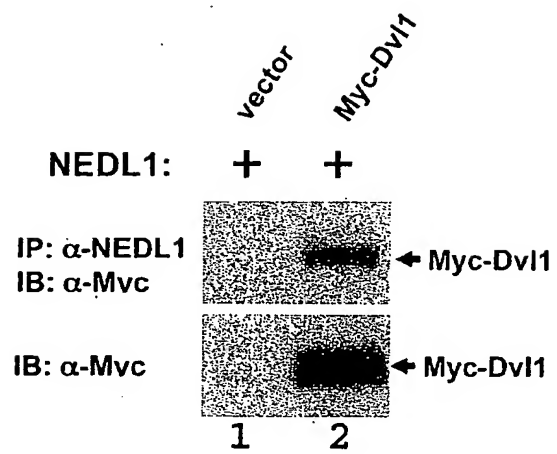
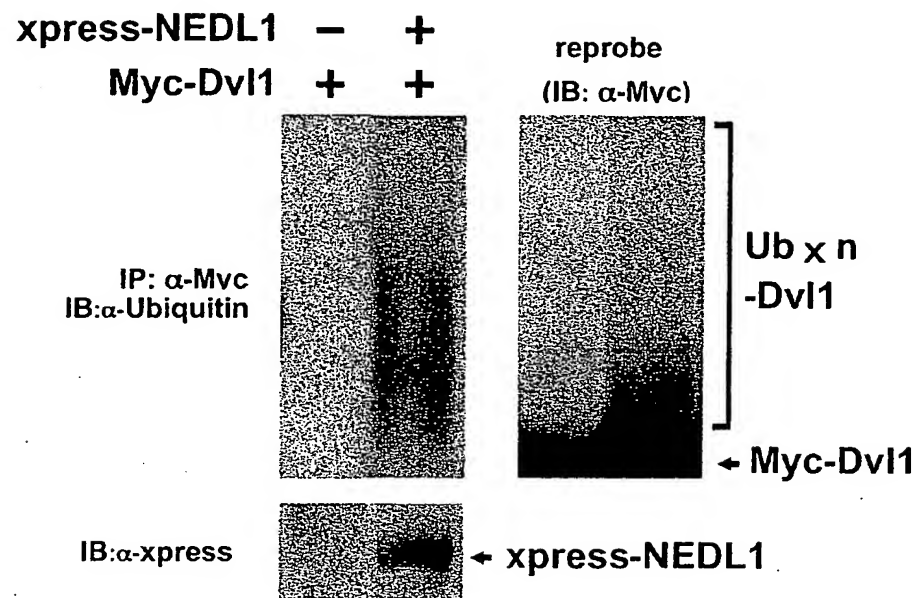
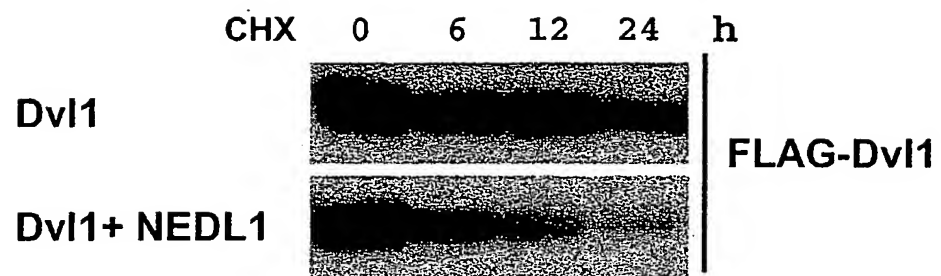
Fig.7

Fig.8

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Fig.9

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Fig.10

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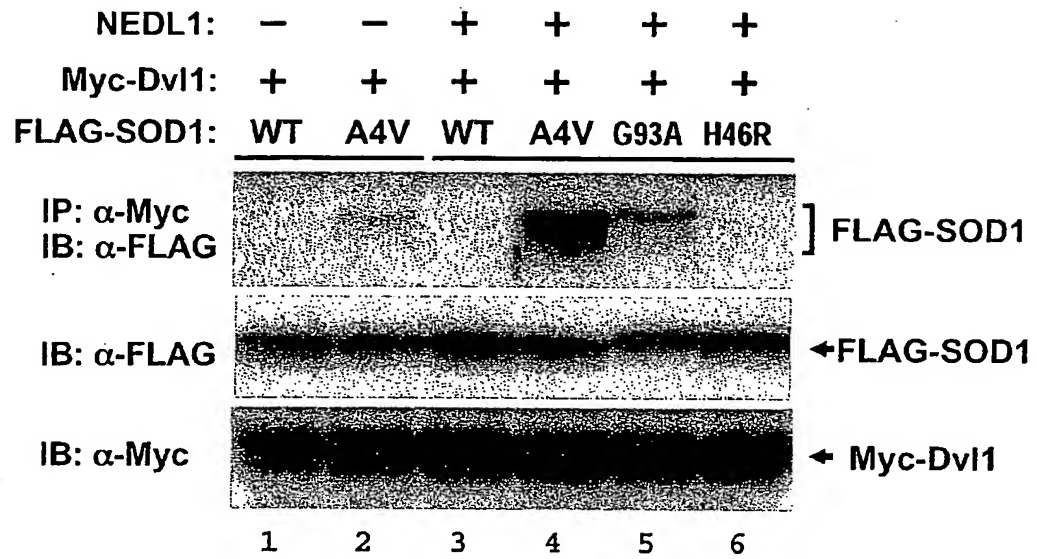
Fig.11

Fig.12